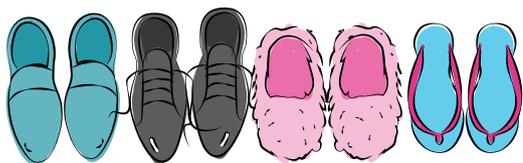


# learning@home Offline Activities

# Have a try at some of these...

Offline activities 6.



Conduct an audit of exactly how many pairs of shoes there are in your home! Create a table and use tallies to keep track.

Write 5 really hard algorithms for a family member to solve.

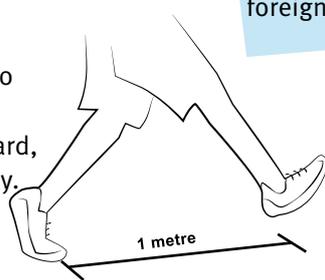
Compare your mobile phone plan to another provider. Are you getting the best deal?



GST in Australian is 10%. Calculate how prices would change if it was 11% or 12%?

Calculate the mean, median and mode of the height of each family member.

Practise pacing with a stride of 1 metre. Use it to 'measure' the length of your yard, room or driveway.



Assign values to each letter of the alphabet. Create a message or code using these new values.

Create and solve some 'silly' maths problems. What is one-third of one-third of one-third?; What is ten times ten times ten times ten?

Investigate the probability of a prize draw if 20 people are in the draw and 5 prizes are drawn. Compare with and without replacement.



Create a 0 - 10 counting book for a younger child.



Create a times tables poster with tables from 1x to 10x.

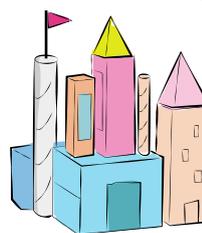
Use your knowledge of base 10 number systems to create a new numbers system.

Calculate how long it would take you to save for a \$5 000 car with different interest rates. Calculate the difference if you paid the loan off early.

Know another language? Someone in your family may be able to help. Create a poster with English on one side and foreign language on the other.

English	Español
☆ house	casa
☆ bedroom	dormitorio
☆ school	colegio
☆ classroom	aula
☆ mum	mamá
☆ dad	papá

Use some isometric grid paper or create your own. Draw all the three-dimensional objects you can.



Make an object city! Use cubes and rectangular prisms for buildings - maybe even pyramids.

Use ratio and scale factor to enlarge an object you trace on a grid page.

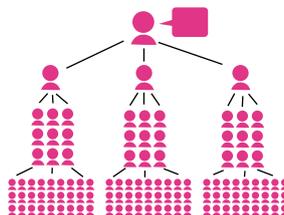
Choose some rooms at home. Calculate the value of the room by estimating for each item in that room. Create a table with the sets of values.

Divide a piece of paper into four quadrants. In each quadrant write a season and draw what you would typically wear in that season.



Choose three of your favourite toys and write a sentence about each one.

Create an exponential growth tree showing how a social media post can quickly go viral!



Check out the tiling on the walls and floor of your home. Can you replicate it? Can you create a more intricate version?



Write a card to someone you care about to brighten their day.

Find a media report that uses data, tables or graphs. Identify the perspective, possible bias and any errors in data displays. If you know the sampling, analyse its appropriateness.

Design an alphabet chart. Use post-it-notes or small pieces of paper for each letter. Draw a pictures that matches the letter.

Make a list of foods that you would typically have for breakfast, lunch, dinner and snacks.

